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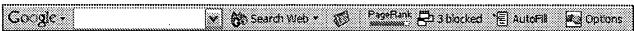www.geocities.com/SiliconValley/ Lakes/6165/khkcay_project.html - 26k - Cached - Similar pages

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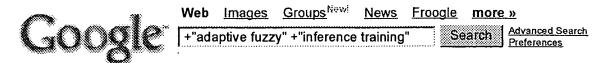Tip: Try removing quotes from your search to get more results.

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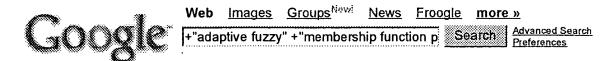... applications from the idea to the **prototype** stage ... Fuzzy The **concept** of crisp sets
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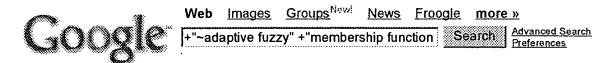
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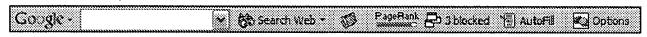File Format: PDF/Adobe Acrobat - View as HTML
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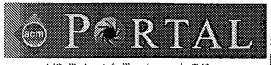Yixin Chen, James Z. Wang, Jia Li
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Saman Halgamuge, Christoph Grimm, Manfred Glesner
February 1995 **Proceedings of the 1995 ACM symposium on Applied computing**
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Keywords: Bayes classifier, fuzzy rules, neural networks, rule generation

5 Dealing with software process deviations using fuzzy logic based monitoring

Sorana Cîmpan, Flavio Oquendo

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> **Keywords**: fuzzy logic, monitoring, software processes

6 A collaborative fuzzy expert system for the Web

Tod A. Sedbrook

June 1998 **ACM SIGMIS Database**, Volume 29 Issue 3

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> A convergence of Internet and fuzzy logic technologies provides an opportunity for experts and end users to collaborate in developing, refining, and testing knowledge-based systems. Internet technology removes geographical and time-based restraints, and fuzzy rule bases are easier to understand and maintain. This paper describes an architecture and a prototype for developing, delivering, and maintaining expert systems on the World Wide Web.The system's collaboration components allowed experts to ...
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7 Pen computing: a technology overview and a vision

André Meyer

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9

OMEGA: a language and system for on-line monitoring of software-intensive

<u>processes</u>
Sorana Cîmpan, Flavio Oquendo
July 2000 **ACM SIGSOFT Software Engineering N tes**, Volume 25 Issue 4
Full text available: pdf(1.22 MB)   Additional Information: full citation, abstract, index terms

> This paper presents an environment for monitoring software-intensive processes: the
> *Omega* environment (Omega stands for *On-line Monitoring Environment: General and
> Adaptable*). The environment provides the language *Omega/MDL* (*Monitoring Definition
> Language*) for defining monitoring models as well as a mechanism for the execution of such
> models *Omega/EM* (*Execution Mechanism*). The executing monitoring models (i.e.
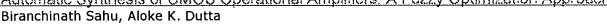> monitori ...
>
> **Keywords**: environment, fuzzy logic, monitoring, software engineering, software-intensive
> processes

10 <u>Nonlinear smoothing of signals by applying fuzzy clustering to local points</u>
Mahmood Doroodchi, Ali M. Reza
February 1996 **Proceedings of the 1996 ACM symposium on Applied Computing**
Full text available: pdf(850.51 KB)   Additional Information: full citation, references, index terms

11 <u>Automatic Synthesis of CMOS Operational Amplifiers: A Fuzzy Optimization Approach</u>
Biranchinath Sahu, Aloke K. Dutta
January 2002 **Proceedings of the 2002 conference on Asia South Pacific design
                 automation/VLSI Design**
Full text available: pdf(162.49 KB)
                      Publisher Site   Additional Information: full citation, abstract

> In this paper, we present a method for optimizing and automating the components and
> transistor sizing for CMOS operational amplifiers (op-amps). The optimization approaches
> used for the synthesis of analog circuits are found to be very much rigid in terms of
> capturing human intentions. In this work, we have observed that with the use of fuzzy
> membership functions, human intentions for expressing wide variety of requirements, e.g.,
> minimize power, maximize gain, etc., which are often conflicting ...

12 <u>Military applications: Commander behavior and course of action selection in JWARS</u>
Deborah Vakas, John Prince, H. Ric Blacksten, Chuck Burdick
December 2001 **Proceedings of the 33nd conference on Winter simulation**
Full text available: pdf(209.93 KB)   Additional Information: full citation, abstract, references, index terms

> The Joint Warfare System (JWARS) is being equipped with a Commander Model (CM) to
> perform situation assessment and Course of Action (COA) selection, and a Commander
> Behavior Model (CBM) to bias decisions with a commander's leadership style. The CM is a
> hybrid artificial intelligence system that models doctrine through the use of fuzzy rule sets,
> together with a tree-based lookahead algorithm for the strategy. The CBM employs
> behavior-based fuzzy rule sets to augment the CM in assessing the situa ...

13 <u>Artificial intelligence #1: A mobile robot for corridor navigation: a multi-agent approach</u>
Y. Ono, H. Uchiyama, W. Potter
April 2004 **Proceedings f the 42nd annual S utheast regi nal c nference**
Full text available: pdf(603.53 KB)   Additional Information: full citation, abstract, references, index terms

> This project focuses on building an autonomous vehicle as the test bed for the future
> development of an intelligent wheelchair, by proposing a framework for designing and

implementing a mobile robot control program that is easily expandable and portable to other robotic platforms. Using a robot equipped with a minimal set of sensors such as a camera and infrared sensors, our multi-agent based control system is built to tackle various problems encountered during corridor navigation. The control s ...

Keywords: collision avoidance, commercial robots and applications, fuzzy logic controller, machine vision, multi-agent systems

14 PROMS: a PRO-active Monitoring System for SS7 networks
Ren-Hung M. Hwang, Pao-Ta M. Yu
February 2000 **International Journal of Network Management**, Volume 10 Issue 1

Full text available: pdf(379.71 KB)   Additional Information: full citation, abstract, references, index terms

In this paper, we propose a PRO-active Monitoring System (PROMS) for SS7 networks, which actively monitors all signaling network management messages of SS7 networks, alerts operators when there is a potential network error, and provides intelligent diagnosis based on fuzzy logic and neural networks. Copyright © 2000 John Wiley & Sons, Ltd.

15 MEGA—the maximizing expected generalization algorithm for learning complex query concepts
Edward Chang, Beitao Li
October 2003 **ACM Transactions on Information Systems (TOIS)**, Volume 21 Issue 4

Full text available: pdf(1.34 MB)   Additional Information: full citation, abstract, references, index terms

Specifying exact query concepts has become increasingly challenging to end-users. This is because many query concepts (e.g., those for looking up a multimedia object) can be hard to articulate, and articulation can be subjective. In this study, we propose a query-concept learner that learns query criteria through an intelligent sampling process. Our concept learner aims to fulfill two primary design objectives: (1) it has to be expressive in order to model most practical query concepts and (2) i ...

Keywords: Active learning, data mining, query concept, relevance feedback

16 Implementing fuzzy control systems using VHDL and statecharts
V. Salapura, V. Hamann
September 1996 **Proceedings of the conference on European design automation**

Full text available: pdf(77.75 KB)   Additional Information: full citation, references, citings, index terms

17 AI techniques for modelling legal negotiation
Emilia Bellucci, John Zeleznikow
June 1999 **Proceedings of the seventh international conference on Artificial intelligence and law**

Full text available: pdf(1.03 MB)   Additional Information: full citation, abstract, references, citings, index terms

Negotiation is a process of cooperative decision-making between parties concerning the resolution of a common dispute. The goal of negotiation is to develop a settlement that is acceptable to both parties. One way to achieve this is to ensure disputants take responsibility for their outcomes and control the disputation process. Most current systems have chosen to model the negotiation process by representing progress made within a negotiation. In this paper we focus on modelling the trade-o ...

Keyw rds: Australian family law, bidirectional fuzzy cognitive maps, negotiation support system

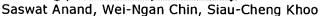**18** 2.1: Using neural nets to optimize retrieval in a fuzzy relational database
George Baklarz
November 1992 **Proceedings of the 1992 conference of the Centre for Advanced Studies on Collaborative research - Volume 1**
Full text available: pdf(615.15 KB)   Additional Information: full citation, abstract, references

This paper examines the theory behind Fuzzy Sets and Back-Propagation Neural Nets, and how neural nets can be used to replace fuzzy sets and improve the query performance in a Fuzzy Relational Database (FRDB).Neural Nets and Fuzzy Relations are complementary theories that can be used together effectively in a Fuzzy Relational Database. This paper brings the theories of Fuzzy Sets, Neural Nets and Fuzzy Relational Databases together into one system.

19 Charting patterns on price history
Saswat Anand, Wei-Ngan Chin, Siau-Cheng Khoo
October 2001 **ACM SIGPLAN Notices , Proceedings of the sixth ACM SIGPLAN international conference on Functional programming,** Volume 36 Issue 10
Full text available: pdf(295.55 KB)   Additional Information: full citation, abstract, references, index terms

It is an established notion among financial analysts that price moves in patterns and these patterns can be used to forecast future price. As the definitions of these patterns are often subjective, every analyst has a need to define and search meaningful patterns from historical time series quickly and efficiently. However, such discovery process can be extremely laborious and technically challenging in the absence of a high-level pattern definition language. In this paper, we propose a chart-pa ...

20 Fuzzy video-based handshape recognition
Kirsti Grobel, Hermann Hienz
February 1996 **Proceedings of the 1996 ACM symposium on Applied Computing**
Full text available: pdf(771.30 KB)   Additional Information: full citation, references, index terms

Keywords: fuzzy classification, handshape structure model, image processing, sign language

Results 1 - 20 of 22   Result page: **1** 2   next

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S29 3	15	prototyp$3 with (membership adj function$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/29 16:48
S29 4	10	S293 and @ad<="20010820"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/29 16:53
S29 5	433	(membership adj function$1).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/29 16:48
S29 6	3	prototyp$3 and S295	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/29 16:53
S29 7	7564	fuzzy adj logic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/29 16:53
S29 8	1307	S297.ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/29 16:53
S29 9	12	prototyp$3 and S298	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/29 16:53
S30 0	11	S299 and @ad<="20010820"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/29 16:53